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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2489
; LENGTH: 253
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURES:
; NAME/KEY: SITE
; LOCATION: (247)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (250)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-764-891-2489

Query Match      16.5%; Score 151.8; DB 11; Length 253;
Best Local Similarity 82.1%; Pred. No. 4.4e-34;
Matches 202; Conservative 0; Mismatches 38; Indels 6; Gaps 4;

QY 102 CTTGCCCGCGGGGCCCACTAGGCGGGCGGGGGTTGGACCCAGCGGAGCCGGGCGAGCC 161
Db      |||
QY 253 CTNNCCNCGGGGCCCACTAGGCGGGCGGGGGTTGGACCCAGCGGAGCCGGGCGAGCC 195
Db      |||
QY 162 TGGCTCCACCGCTGTACTCGGTTTACACGCGGGCGGGCGCGGAGGAGGCTGCGTTTC 221
Db      |||
QY 194 T-GCTCCACCGCTGTACTCGGTTTACA-CGCGGGCGGGCGCGGAGGAGGCTGCGTTTC 137
Db      |||
QY 222 CTGCGCTATCAGTCCGTCGCTTCGGGCACTCCGGGCGGGCGGGCTGCTGCTGCTGCTT 281
Db      |||
QY 136 CTCGCTATCAGTCCGCTGCTTCG---CACCTCCGGCGGGCGGGCTGCTGCTGCTGCTT 80
Db      |||
QY 282 GTTTGAAAGATCGGTGGAACCTTTTAAAGAGAGNNNNNNNNNNNNNNNNNNNNNNNN 341
Db      |||
QY 79 GTTTGAAAGATCGGTGGAACCTTTTAAAGAGAGTATTAAAAAAGGGGCGGCC 20
Db      |||
QY 342 NTTCAC 347
Db      |||
QY 19 GCTCGC 14
Db      |||

RESULT 6
US-10-007-280a-113
; Sequence 113, Application US/10007280A
; Publication No. US20030059784A1
; GENERAL INFORMATION:
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Herve
; APPLICANT: Salceda, Susana
; APPLICANT: Chenghua Liu
; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pri
; FILE REFERENCE: DEX-0257
; CURRENT APPLICATION NUMBER: US/10/007,280A
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 60/246,640
; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 238
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 113
; LENGTH: 756
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-007-280A-113

Query Match      10.7%; Score 98.4; DB 14; Length 756;
Best Local Similarity 99.0%; Pred. No. 3.6e-18;
Matches 99; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 214 TGCCTTTCCTCCGCTATCAGTCCCGTTCGGGCACTCCGGGCGGGCGGGCGGGCTGGCT 273
Db      |||
QY 642 TGTGTTTCCCTCCGCTATCAGTCCCGTTCGGGCACTCCGGGCGGGCGGGCTGGCT 701
Db      |||
QY 274 AATGTTTGTGTTGAAAGATCGGTGGAACCTTTTAAAGAG 313
Db      |||
QY 702 AATGTTTGTGTTGAAAGATCGGTGGAACCTTTTAAAGAG 741
Db      |||

; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; PRIOR FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
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RESULT 4
LOCUS BF116062
DEFINITION 7n76h11.x1 NCI CGAP_Ov18 Homo sapiens cDNA clone IMAGE:3570692 3', mRNA sequence.
ACCESSION BF116062
VERSION BF116062
KEYWORDS BF116062.1 GI:10985538
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS 1 (bases 1 to 582)
TITLE NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
JOURNAL National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-remail.nih.gov
 Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: M. Bento Soares, Ph.D. cDNA Library Arrayed by: Christa Prange, The I.M.A.G.E. Consortium DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL, send email to: info@image.llnl.gov
 Seq primer: -400P from Gibco
 High quality sequence stop: 493.
FEATURES
 Location/Qualifiers
 1..582
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:3570692"
 /tissue_type="fibrotheoma"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NCI CGAP Ov18"
 /note="Organ: ovary; Vector: p773D-Pac (Pharmacia) with a modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5]; TGTTACCAATCTGAAGTGGCGGCGCGCGCGCATTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified p773 vector. Library went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo."
BASE COUNT 71 a 246 c 165 g 100 t
ORIGIN
 Query Match 32.5%; Score 126; DB 10; Length 582;
 Best Local Similarity 100.0%; Pred. No. 8.5e-22;
 Matches 126; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 GTGACCTTGCACTCCCTGGCGCTGAAGCTGCTCTCTGCGCGCTTTCTACTGGGCTCGTC 60
 DB 457 GTGACCTTGCACTCCCTGGCGCTGAAGCTGCTCTCTGCGCGCTTTCTACTGGGCTCGTC 516
 QY 61 TCTTTCCGGAGCCCGAGCGTCTCTGCGCAATTCACCGCGGAAGGCGCGCGCGGAG 120
 DB 517 TCTTTCCGGAGCCCGAGCGTCTCTGCGCAATTCACCGCGGAAGGCGCGCGGAG 576
 QY 121 GTGCGA 126
 DB 577 GTGCGA 582
RESULT 4
LOCUS AA088637
DEFINITION zk71e01.x1 Soares_pregnant_uterus_NBHPU Homo sapiens cDNA clone

IMAGE:488280 5', mRNA sequence.
AA088637
VERSION AA088637.1 GI:1634158
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Morris, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Hultman, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schallenberg, K., Soares, M.B., Tan, P., Thierry-Mieg, J., Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R. and Marra, M.
TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)
MEDLINE 97044478
PUBMED 8889549
COMMENT Contact: Wilson RK
 Washington University School of Medicine
 444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Insert Length: 1836 Std Error: 0.00
 Seq primer: -28M13 rev2 from Amersham
 High quality sequence stop: 313.
FEATURES
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3802867"
 /db_xref="taxon:9606"
 /clone="IMAGE:488280"
 /sex="female"
 /dev_stage="adult"
 /lab_host="DH10B"
 /clone_lib="Soares_pregnant_uterus_NBHPU"
 /note="Organ: uterus; Vector: p773-Pac; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5]; AACTCGAAGATTCGCGCGCGCTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified p773 vector. Library went through one round of normalization. Library constructed by M. Fatima Bonaldo."
BASE COUNT 55 a 163 c 122 g 95 t
ORIGIN
 Query Match 31.3%; Score 121.4; DB 9; Length 442;
 Best Local Similarity 87.8%; Pred. No. 1.2e-20;
 Matches 165; Conservative 0; Mismatches 19; Indels 4; Gaps 3;
 QY 1 GTGACCTTGCACTCCCTGGCGCTGAAGCTGCTCTCTGCGCGCTTTCTACTGGGCTC-GT 59
 DB 255 GTGACCTTGCACTCCCTGGCGCTGAAGCTGCTCTCTGCGCGCTTTCTACTGGGCTCGT 314
 QY 60 CTCCTTCGGAGCCCGAGCGTCTCTGCGCAAA--TTCACCGCGGAAGGCGCGCGG 117
 DB 315 CTCCTTCGGAGCCCGAGCGTCTCTGCGCAAAATTCACCGCGGAAGGCGCGCGG 374
 QY 118 GAGGTGCGACCGCGGCTCGGAGCGCAGACCTCTTGGCTTCTCTCAGGTGGTGGCG 177
 DB 375 AAGGTGCGA-CGGGCGTGGAGCGAGACCTCTTGGCTTCTCTCAAGGTGGTGGCG 433
 QY 178 TCGCTCTC 185
 DB 434 TGGTCTTC 441

QY 61 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 120
Db 61 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 120
QY 121 GTGCGACCGGCGTGGGAGCGGAGACCTCTGCGCTTCTCTCACAGTCTGCTGCTCG 180
Db 121 GTGCGACCGGCGTGGGAGCGGAGACCTCTGCGCTTCTCTCACAGTCTGCTGCTCG 180
QY 181 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 240
Db 181 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 240
QY 241 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 300
Db 241 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 300
QY 301 CAGTCCCGTCTGCGGACCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 360
Db 301 CAGTCCCGTCTGCGGACCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 360
QY 361 ATCNGTGGAAATTTTAAGAGATATTTA 388
Db 361 ATCNGTGGAAATTTTAAGAGATATTTA 388

RESULT 2

US-10-007-280A-113
; Sequence 113, Application US/10007280A
; Publication No. US20030059784A1
; GENERAL INFORMATION:
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Herve
; APPLICANT: Salceda, Susana
; APPLICANT: Chenghua, Liu
; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pro
; FILE REFERENCE: DEX-0257
; CURRENT APPLICATION NUMBER: US/10/007,280A
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 60/246,640
; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 238
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 113
; LENGTH: 756
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-007-280A-113

Query Match 96.6%; Score 375; DB 14; Length 756;
Best Local Similarity 99.2%; Pred. No. 4.2e-111;
Matches 386; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1 GTGACCTTGCACTCCCTGGCTGAGCTGCTCTCTGCGGCTTTCTACTGGGCTGCTC 60
Db 359 GTGACCTTGCACTCCCTGGCTGAGTGTGCTCTCTGCGGCTTTCTACTGGGCTGCTC 418
QY 61 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 120
Db 419 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 478
QY 121 GTGCGACCGGCGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 180
Db 479 GTGCGACCGGCGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 538
QY 181 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 240
Db 539 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 598
QY 241 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 300
Db 599 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 658
QY 301 CAGTCCCGTCTGCGGACCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 360

Db 659 CAGTCCCGTCTGCGGACCTCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 718
QY 361 ATCNGTGGAA-TTTTTAAGAGATATTTA 388
Db 719 ATCNGTGGAACTTTTAAAGAGATATTTA 747

RESULT 3

US-09-764-891-9700
; Sequence 9700, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9700
; LENGTH: 1593
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (195)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-764-891-9700

Query Match 77.0%; Score 298.6; DB 11; Length 1593;
Best Local Similarity 97.1%; Pred. No. 2.5e-86;
Matches 304; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 GTGACCTTGCACTCCCTGGCTGAGCTGCTCTCTGCGGCTTTCTACTGGGCTGCTC 60
Db 450 GTGACCTTGCACTCCCTGGCTGAGCTGCTCTCTGCGGCTTTCTACTGGGCTGCTC 509
QY 61 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 120
Db 510 TCTTTCCGAGCCCGAGCGTCTCTGCCCCAAATTCACCGGAAAGGGCCCGGGCGGAG 569
QY 121 GTGCGACCGGCGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 180
Db 570 GTGCGACCGGCGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 629
QY 181 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 240
Db 630 CTCTCCGCGTTCCTCCGCGCGAGCTGCGTGCAGTCCATGCTAGACGCGCGGACAGGACT 689
QY 241 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 300
Db 690 GATGGCGGACCGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 749
QY 301 CAGTCCCGTCTGCT 313
Db 750 CCTCTTGAAGCT 762

RESULT 4

US-10-205-428-947
; Sequence 947, Application US/10205428
; Publication No. US20030108907A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P117C1
; CURRENT APPLICATION NUMBER: US/10/205,428
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065

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; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1019
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 947
; LENGTH: 1593
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (195)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-205-428-947

Query Match      77.0%; Score 298.6; DB 14; Length 1593;
Best Local Similarity 97.1%; Pred. No. 2.5e-86;
Matches 304; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 GTGACCTTGCACTCCCTCGCTGAGCTGCTCTCTGCGCTTCTTACTGGGCTCGTC 60
Db 450 GTGACCTTGCACTCCCTCGCTGAGCTGCTCTCTGCGCTTCTTACTGGGCTCGTC 509

QY 61 TCTTCCGAGCCGAGCTCTCTGCCCAAAATTCACCGGAAAGGGCCGGCGGAG 120
Db 510 TCTTCCGAGCCGAGCTCTCTGCCCAAAATTCACCGGAAAGGGCCGGCGGAG 569

QY 121 GTGCGACCGGGCGTCCGAGCGAGACCTCTTGGCTCTCTCACAGGTCGGCTCG 180
Db 570 GTGCGACCGGGCGTCCGAGCGAGACCTCTTGGCTCTCTCACAGGTCGGCTCG 629

QY 181 CTCTCGCTTCCCGCCGACTGCGGTGCAGTCCATGCTAGACGCGCGACAGGACT 240
Db 630 CTCTCGCTTCCCGCCGACTGCGGTGCAGTCCATGCTAGACGCGCGACAGGACT 689

QY 241 GATGGCGGACCGGCTGCCGAGAAAGGACGACCAATAGTGTGTTCTCCGCTAT 300
Db 690 GATGGCGGACCGGCTGCCGAGAAAGGACGACCAATAGTGTGTTCTCCGCTAT 749

QY 301 CAGTCCCGTCGCT 313
Db 750 CCTCTTGAAGCT 762

RESULT 5
US-10-007-280A-115
; Sequence 115, Application US/10007280A
; Publication No. US20030059784A1
; GENERAL INFORMATION:
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; APPLICANT: Salceda, Susana
; APPLICANT: Chenghua, Liu
; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pri
; FILE REFERENCE: DEX-0257
; CURRENT APPLICATION NUMBER: US/10/007,280A
; CURRENT FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: US 60/246,640
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; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 238
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 115
; LENGTH: 2753
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-007-280A-115

Query Match      77.0%; Score 298.6; DB 14; Length 2753;
Best Local Similarity 97.1%; Pred. No. 2.9e-86;
Matches 304; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 GTGACCTTGCACTCCCTCGCTGAGCTGCTCTCTGCGCTTCTTACTGGGCTCGTC 60
Db 1596 GTGACCTTGCACTCCCTCGCTGAGCTGCTCTCTGCGCTTCTTACTGGGCTCGTC 1555

QY 61 TCTTCCGAGCCGAGCTCTCTGCCCAAAATTCACCGGAAAGGGCCGGCGGAG 120
Db 1656 TCTTCCGAGCCGAGCTCTCTGCCCAAAATTCACCGGAAAGGGCCGGCGGAG 1715

QY 121 GTGCGACCGGGCGTCCGAGCGAGACCTCTTGGCTCTCTCACAGGTCGGCTCG 180
Db 1716 GTGCGACCGGGCGTCCGAGCGAGACCTCTTGGCTCTCTCACAGGTCGGCTCG 1775

QY 181 CTCTCGCTTCCCGCCGACTGCGGTGCAGTCCATGCTAGACGCGCGACAGGACT 240
Db 1776 CTCTCGCTTCCCGCCGACTGCGGTGCAGTCCATGCTAGACGCGCGACAGGACT 1835

QY 241 GATGGCGGACCGGCTGCCGAGAAAGGACGACCAATAGTGTGTTCTCCGCTAT 300
Db 1836 GATGGCGGACCGGCTGCCGAGAAAGGACGACCAATAGTGTGTTCTCCGCTAT 1895

QY 301 CAGTCCCGTCGCT 313
Db 1896 CCTCTTGAAGCT 1908

RESULT 6
US-09-764-891-2404
; Sequence 2404, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2404
; LENGTH: 526
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (469)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (515)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (526)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-764-891-2404

Query Match      41.2%; Score 159.8; DB 11; Length 526;
Best Local Similarity 88.5%; Pred. No. 1.5e-41;
Matches 200; Conservative 5; Mismatches 18; Indels 3; Gaps 3;

QY 1 GTGACCTTGCACTCCCTCGCTGAGCTGCTCTCTGCGCTTCTTACTGGGCTCGTC 60
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133 CATCTTCTCTTCGGAAGATTTCGGTTAGAGTTTTTGTTCGGCCTTCAAAAAGCTGTGTT 192

2301 CAGAGTTAGGAGAAATATATCAATATAAAGATGGTTTTGGTCTACCAATTGGGGNAGTTTCA 2360

1193 CAGAGTTAGGAGAAATATATCAATAAAGATGGTTTTGGTCTACCAATTGGGGNAGTTTCA 252

2361 CCCTCTCCCTATCTGAAGAAAAAATCAAAAAAATAATGTCCCGGATCTTTTCGATCGAAG 2420

253 CCCTCTCCCTATCTGAAGAAAAAATAATCAAAAAAATAATGTCCCGGATCTTTTCGATCGAAG 312

2421 TCCTGGAGGAGGAGATCACTGCTCCCTGGGCCACGCTGCTGGAGCGCTCGTCTCTCC 2480

313 TCCTGGAGGAGGAGATCACTGCTCCCTGGGCCACGCTGCTGGAGCGCTCGTCTCTCC 372

2481 CTGCTTTTTGTTTTTCAAACTCTCTGCTTCTCCACCTTGGGAGGAGAAATGTGAAC 2540

373 CTGCTTTTTGTTTTTCAAACTCTCTGCTTCTCCACCTTGGGAGGAGAAATGTGAAC 432

2541 CGGAGCGGCCGACCTAGGCGGTCTGTGGCCCGGAGCCGCGGCCCGAAACCATAG 2600

433 CGGAGCGGCCGACCTAGGCGGTCTGTGGCCCGGAGCCGCGGCCCGAAACCATAG 492

2601 ACCTGGTTGTACTGTA 2616

493 ACCTGGTTGTACTGTA 508

RESULT 13
 09981705/c
 CUSCUS
 DEFINITION
 CESSION
 BE981705
 BE981705.1 GI:10651096
 EST.
 Mus musculus (house mouse)
 SOURCE
 Mus musculus
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 536)
 REFERENCE
 Ronaldo,M.F., Lennon,G. and Soares,M.B.
 AUTHORS
 Normalization and subtraction: two approaches to facilitate gene
 TITLE
 discovery
 JOURNAL
 Genome Res. 5 (9), 791-806 (1996)
 MEDLINE
 97044477
 PUBMED
 889548
 COMMENT
 Contact: Chin, H
 National Institute of Mental Health
 6001 Executive Blvd. Room 7N-7190, MSC 9643, Bethesda, MD
 20892-9643, USA
 Tel: 301 443 1706
 Fax: 301 443 9890

Email: mEG@mail.nih.gov

Oligo-dt track not found, Not I site shown in beginning of sequence is likely internal to the message. cDNA Library Preparation: M.B. Soares Lab Clone distribution: Researchers may obtain BMAP cDNA clones from RESEARCH GENETICS. It should be noted that Bento Soares is generating a small number of additional specialized non-redundant arrays of BMAP cDNAs whose availability will be considered under appropriate and limited collaborative arrangements. The tissue for this library was contributed by Dr. Xin-Yuan Fu, Yale University School of Medicine

Seq primer: M3 Forward

POLYA=No.

FEATURES	Location/Qualifiers
source	1. 536
	/organism="Mus musculus"
	/mol_type="mRNA"
	/strain="C57BL/6J"
	/db_xref="taxon:10090"
	/clone="UI-M-CG9p-bcw-c-08-0-UI"
	/lab_host="DH10B (Life Technologies)"
	/clone_lib="NIH BMAP Ret4 S2"

/note="Vector: pT73D-Pac (Pharmacia) with a modified polylinker; Site1: Not I; Site2: Eco RI; The NIH SWAP Ret4 S2 library is a subtracted library, ultimately derived from mouse retina tissue libraries at various stages of development. For a detailed description of the library from which this clone was derived, please visit our web site at braineast.eng.uiowa.edu. The tissue for this library was contributed by Dr. Xin-Yuan Fu, Yale University School of Medicine

TAG_S2Q=None found"

75 103 98

RESULT 14	ACCESSION	REFERENCE
AA156960/C	VERSION	AUTHORS
LOCUS	KEYWORDS	
DEFINITION	SOURCE	
	ORGANISM	

	Query Match	31.9%;	Score 878;	DB 14;	Length 918;
	Best Local Similarity	96.8%;	Pred. No. 7.1e-207;		
	Matches 889;	Conservative 0;	Mismatches 28;	Indels 1;	Gaps 1;
Qy	1820	CGCGCCGACAGGACTGATGCGGGACCGCGCTCCCGAGAAAGGGACGACCAATACGT	1879		
Db	1	CGCGCCGACAGGACTGATGCGGGACCGCGCTCCCGAGAAAGGGACGACCAATACGT	60		
Qy	1880	GTGTTTTCCTCGCGAAACCTCTTGAAGCTGTTCAGAGCCGCTTTCGCGGGGGCCCACTA	1939		
Db	61	GTGTTTTCCTCGCGAAACCTCTTGAAGCTGTTCAGAGCCGCTTTCGCGGGGGCCCACTA	120		
Qy	1940	GGCGGGCGGGGGTTGGACCCACGGAGCGGGGACGCTGCCTCCACGGCTGTACT	1999		
Db	121	GGCGGGCGGGGGTTGGACCCACGGAGCGGGGACGCTGCCTCCACGGCTGTACT	180		
Qy	2000	CGGTTTACACCGCGGGGGCGCGAGAGGCTCGCTTTCCTCCGCTATCAGTCCCGTC	2059		
Db	181	CGGTTTACACCGCGGGGGCGCGAGAGGCTCGCTTTCCTCCGCTATCAGTCCCGTC	240		